



L-2001-258  
10 CFR 2  
10 CFR 50  
10 CFR 51  
10 CFR 54

NOV 29 2001

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555

Re: St. Lucie Units 1 and 2  
Docket Nos. 50-335 and 50-389  
Application for Renewed Operating Licenses  
Pursuant to 10 CFR 54.17 and 10 CFR 50.4(c)

Pursuant to U.S. Nuclear Regulatory Commission (NRC) regulations set forth in 10 CFR Parts 50, 51 and 54, Florida Power and Light Company (FPL) hereby applies for the renewal of the operating licenses for St. Lucie Units 1 and 2<sup>1</sup>, issued under Sections 104 and 103 respectively of the Atomic Energy Act of 1954, as amended. FPL requests that the facility operating licenses for St. Lucie Unit 1 (DPR-67) and St. Lucie Unit 2 (NFP-16) be extended for twenty (20) years beyond their current expiration dates. For St. Lucie Unit 2 (NFP-16), FPL requested an exemption to the schedular requirements of 10 CFR 54.17(c) by letter L-2000-226 dated October 30, 2000. By letter dated February 27, 2001, the NRC approved the requested schedular exemption.

For St. Lucie Unit 1 (DPR-67), license renewal would extend the operating license from midnight March 1, 2016, until midnight March 1, 2036. For St. Lucie Unit 2, license renewal would extend the operating license from midnight April 6, 2023, until midnight April 6, 2043, or forty years from the date of issuance of the new license, whichever occurs first.

FPL submits the enclosed St. Lucie Units 1 and 2 "Application for Renewed Operating Licenses" (Application) in accordance with the applicable NRC operating license renewal requirements of 10 CFR 54 and 51. The Application includes the "Applicant's Environmental Report - Operating License Renewal Stage" (Environmental Report) prepared pursuant to 10 CFR 54.23 and Subpart A of 10 CFR Part 51.

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<sup>1</sup> St. Lucie Unit 2 is owned, in part, by the Orlando Utilities Commission of the City of Orlando, Florida (OUC) and the Florida Municipal Power Agency (FMPPA). FPL is the majority owner and licensed operator of Unit 2, and is authorized by the Participation Agreements governing ownership of Unit 2 to file this Application for Renewed Licenses on behalf of OUC and FMPPA.

As required by 10 CFR 2.101(a), 50.4(b)(3), 50.30(a)(6), and 51.55(a), FPL hereby transmits the signed hardcopy original of the Application including the Environmental Report and thirteen copies to the NRC Document Control Desk, and one copy of the Application including the Environmental Report to the NRC Regional Administrator. One courtesy copy of the Application including the Environmental Report is also provided to the NRC Senior Resident Inspector for St. Lucie. Pursuant to 10 CFR 51.55(a), twenty-six additional copies of the Environmental Report are being provided to the NRC Document Control Desk, for a total of forty-one copies.

By FPL Letter L-2001-244 to the NRC, ten copies of the license renewal boundary drawings for mechanical systems (not considered part of the application) were transmitted to the NRC Document Control Desk to aid in the NRC staff review of the Application. One copy of the same license renewal boundary drawings was also transmitted to the NRC Regional Administrator and one copy was transmitted to the NRC Senior Resident Inspector for St. Lucie.

FPL believes that the Application provides the appropriate administrative, technical, and environmental information sufficient to support the Commission findings required by 10 CFR 54.29. As required by 10 CFR 54, actions have been identified to manage the effects of aging on the structures and components subject to aging management review, such that their intended functions will be maintained consistent with the current licensing basis during St. Lucie's renewed term of operation.

Pursuant to 10 CFR 54.21(b), current licensing basis changes which have a material effect on the content of this application will be identified in an amendment to the Application that will be submitted annually while the Application is under NRC review and at least three months prior to the scheduled completion of the NRC review.

The St. Lucie Units 1 and 2 Application for Renewed Operating Licenses is organized in accordance with the NRC Regulatory Guide 1.188, "Standard Format and Content For Applications to Renew Nuclear Power Plant Operating Licenses," April 2001, and is consistent with the guidance provided by NEI 95-10, "Industry Guidelines for Implementing the Requirements of 10 CFR 54 - License Renewal Rule," Revision 3. The Application contains the administrative, technical, and environmental information required by the applicable regulations in 10 CFR 54 and 51. This information is presented in an efficient manner that is designed to facilitate the NRC review necessary to make the findings required by 10 CFR 54.29. This information is summarily described in the Preface to the Application and in Section 1.0 of the Environmental Report.

In addition, one copy of the application is being provided in electronic form. The electronic copy of the Application is in Compact Disc - Read Only Memory (CD-ROM) format. The electronic copy contains the Application including the Environmental Report.

Upon receiving NRC notification that the Application is complete and acceptable for docketing, FPL will file the appropriate copies required by 10 CFR 2.101(a)(3), 50.4(b)(2), 50.30(a), and 51.55(a) and all additional copies in accordance with the above regulatory requirements and written instructions furnished with the acceptance for docketing notice by the NRC.

FPL stands ready to provide assistance and information to the NRC staff to facilitate a thorough, yet efficient, review of this Application to achieve the goal of timely issuance of the requested renewed operating licenses.

If you have any questions, please contact E. A. Thompson at (561) 467-7430.

Very truly yours,



J. A. Stall  
Senior Vice President, Nuclear  
and Chief Nuclear Officer

JAS/EAT/hlo  
Enclosure (Application)

cc:

U.S. Nuclear Regulatory Commission, Washington, D.C.

Chief, License Renewal and Standardization Branch

Project Manager - St. Lucie License Renewal

Project Manager - St. Lucie

USNRC Document Control Desk

w/original and 13 copies of the Application including the  
Environmental Report

w/26 copies of the Environmental Report

w/1 electronic (CD-ROM) copy of the Application including  
the Environmental Report

U.S. Nuclear Regulatory Commission, Region II

Regional Administrator, Region II, USNRC

w/one copy of Application including the Environmental  
Report

Senior Resident Inspector, USNRC, St. Lucie Plant

w/one copy of Application including the Environmental  
Report

St. Lucie Units 1 and 2  
Docket Nos. 50-335 and 50-389  
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STATE OF FLORIDA                    )  
  ) ss.  
COUNTY OF PALM BEACH            )

J. A. Stall being first duly sworn, deposes and says:

That he is Senior Vice President, Nuclear and Chief Nuclear Officer of Florida Power and Light Company, the Licensee herein;

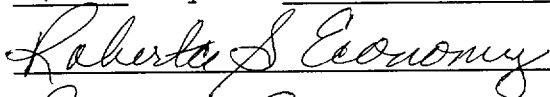
That he has executed the foregoing document; that the statements made in this document are true and correct to the best of his knowledge, information and belief, and that he is authorized to execute the document on behalf of said Licensee.



J. A. Stall

Subscribed and sworn to before me this

29<sup>th</sup> day of November, 2001.



Roberta S. Economy  
Name of Notary Public (Type or Print)



Roberta S. Economy  
MY COMMISSION # DD007295 EXPIRES  
June 1, 2005  
BONDED THRU TROY FAIN INSURANCE, INC.

J. A. Stall is personally known to me.